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GenCore version 5.1.3

OM protein - nucleic search, using frame_plus_P2n model

Run on: March 14, 2003, 05:41:40 ; Search time 90 seconds

(without alignments)

2012.013 Million cell updates/sec

Title: US-09-698-781-3

Perfect score: 258

Sequence: 1 MKQIHLPALETTANTLFPVL..... KHOIYRDSKASCNSNSIV 258

Scoring table: OLIGO

Xgap0 60.0 **Xgapext** 60.0

Xgap0 60.0 **Xgapext** 60.0

Fgap0 6.0 **Fgapext** 7.0

Del0 6.0 **Delex0** 7.0

Searched: 501302 seqs, 350932545 residues

Word size: 1

Total number of hits satisfying chosen parameters: 226740

Minimum DB seq length: 20

Maximum DB seq length: 99

Post-processing: Listing first 100 summaries

Command line parameters:

-MODEL=frame+200,model -DEV=x1h

-DB=Published_Applications_NA -QPFM=FastCap -SUFFIX=oligo.rnpb -MINMATCH=0.1

-LOOPCL=1 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=oligo

-TRANS=human40_cdi -LIST=100 -DOCALIGN=200 -THR SCORE=quality -THR MIN=1

-ALIGN=0 -MODE=LOCAL -OUTFILE=pub -NORM=ext -HEAPSIZE=500 -MINBIN=20

-MAXLEN=99 -USER=US09698781 -ACCG1_1-57_81 -RUN=070203_081810_6986 -NCPU=6

-ICCU=3 -NO_ALPXY -NO_NMAP -LARGEQUERY -NEG_SCORES=0 -WAIT -LONGLOG

-DEVMODE=1 -TIMEOUT=120 -WARN=1000 -THREADS=1 -XKAP0=60 -XGAPEXT=60

-FGAPEXT=7 -YGAPOP=60 -YGAPEXT=60 -DEL0=6 -DELEX0=7

Database :

Published_Applications_NA:

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US05_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCV07_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US50_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Score: No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

78 5 1.9 24 9 US-09-004-011-269 Sequence 269, APP
 79 5 1.9 24 9 US-09-006-421-269 Sequence 269, APP
 80 5 1.9 24 9 US-09-088-326-37 Sequence 37, APP
 81 5 1.9 24 9 US-09-088-326-38 Sequence 38, APP
 82 5 1.9 24 9 US-09-007-613-269 Sequence 269, APP
 83 5 1.9 24 9 US-09-007-613-269 Sequence 269, APP
 C 84 5 1.9 24 9 US-09-907-942-269 Sequence 269, APP
 85 5 1.9 24 9 US-09-014-386-10 Sequence 10, APP
 86 5 1.9 24 9 US-09-004-820-269 Sequence 269, APP
 87 5 1.9 24 9 US-09-003-269 Sequence 269, APP
 88 5 1.9 24 9 US-09-909-204-269 Sequence 269, APP
 C 89 5 1.9 24 9 US-09-906-515-7 Sequence 7, APP
 90 5 1.9 24 9 US-09-904-786-269 Sequence 269, APP
 91 5 1.9 24 9 US-09-006-646-269 Sequence 269, APP
 92 5 1.9 24 9 US-09-906-700-269 Sequence 269, APP
 93 5 1.9 24 9 US-09-902-903-269 Sequence 269, APP
 94 5 1.9 24 9 US-09-903-749-269 Sequence 269, APP
 95 5 1.9 24 9 US-09-903-786-269 Sequence 269, APP
 96 5 1.9 24 10 US-09-824-468-62 Sequence 6, APP
 97 5 1.9 24 10 US-09-800-396-6 Sequence 21, APP
 98 5 1.9 24 10 US-09-798-743A-13 Sequence 21, APP
 99 5 1.9 24 10 US-09-909-320-269 Sequence 269, APP
 100 5 1.9 24 10 US-09-909-320-269 Sequence 269, APP

ALIGNMENTS

RESULT 1

US-10-038-723-63
 ; Sequence 63, Application US/10038723
 ; Publication No. US2003032163A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Nielsen, Blarne Roenfeldt
 ; APPLICANT: Svendsen, Allan
 ; APPLICANT: Pedersen, Henrik
 ; APPLICANT: Vind, Jesper
 ; APPLICANT: Hedinrksen, Hanne Vang
 ; APPLICANT: Frandsen, Torben Peter
 ; TITLE OF INVENTION: Glucosidase Variants
 ; FILE REFERENCE: 5636.200 US
 ; CURRENT APPLICATION NUMBER: US/10/038,723
 ; CURRENT FILING DATE: 2002-01-02
 ; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/351,814
 ; PRIORITY FILING DATE: EARLIER FILING DATE: 1999-07-12
 ; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00937
 ; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-07-15
 ; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 01667
 ; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-12-17
 ; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/093,528
 ; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-07-21
 ; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/115,545
 ; PRIORITY FILING DATE: EARLIER FILING DATE: 1999-01-12
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 63
 ; LENGTH: 41
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE: OTHER INFORMATION: primer 768348.f1
 ; US-09-766-450-47

Db 4 GTCGCTGACTCTTCAGC 24
 RESULT 2
 US-09-766-450-47
 ; Sequence 47, Application US/09766450
 ; Publication No. US200305022166A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Collins, Colin
 ; APPLICANT: Volk, Stanislav
 ; APPLICANT: Gray, Joe W.
 ; APPLICANT: Albertson, Donna G.
 ; APPLICANT: Plinkel, Daniel
 ; APPLICANT: The Regents of the University of California
 ; TITLE OF INVENTION: Repeat-Free Probes for Molecular
 ; FILE REFERENCE: Cytogenetics
 ; CURRENT APPLICATION NUMBER: US/09/766,450
 ; CURRENT FILING DATE: 2001-01-19
 ; NUMBER OF SEQ ID NOS: 112
 ; SOFTWARE: FASTSEQ for Windows Version 3.0
 ; SEQ ID NO: 47
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE: OTHER INFORMATION: primer 768348.f1
 ; US-09-766-450-47

Alignment Scores:
 Pred. No.: 111 Length: 20
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-09-766-450-47 (1-20)
 QY - 22 PherevalAlaGlyLeu 27
 Db 2 TTTCTGGGTTGGAGGATG 19

RESULT 3

US-09-811-838-20
 ; Sequence 20, Application US/09811838
 ; Publication No. US20030027800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Miller, Duane D.
 ; APPLICANT: Tugy, Gabor
 ; APPLICANT: Dalton, James T.
 ; APPLICANT: Sardar, Vineet M.
 ; APPLICANT: Elrod, Don B.
 ; APPLICANT: Xu, Huiping
 ; APPLICANT: Baker, Daniel L.
 ; APPLICANT: Wang, Dean
 ; APPLICANT: Lillón, Károly
 ; APPLICANT: Fischer, David J.
 ; APPLICANT: Virág, Tamas
 ; APPLICANT: Nusser, No. US20030027800A1
 ; TITLE OF INVENTION: LPA RECEPTOR AGONISTS AND ANTAGONISTS AND METHODS OF
 ; CURRENT APPLICATION NUMBER: US/09/811,838
 ; PRIORITY APPLICATION NUMBER: 60/090,370
 ; PRIORITY FILING DATE: 2000-03-17
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO: 20
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence

Alignment Scores:
 Pred. No.: 20.8 Length: 41
 Score: 7.00 Matches: 7
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.71% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-10-038-723-63 (1-41)
 Qy 24 ValAlaGlyLeuLeuProSer 30

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer,
 OTHER INFORMATION: reverse EDG-6
 US-09-811-838-20

Alignment Scores:
 Pred. No.: 122 Length: 22
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-09-811-838-20 (1-22)

Qy 116 SerSerAlaProSer 121
 Db 3 TCATAGCACCCTCTCA 20

RESULT 4
 US-10-094-183-5
 Sequence 5, Application US/10094183
 Patent No. US20020168631A1

GENERAL INFORMATION:
 APPLICANT: Welgene, Inc.

TITLE OF INVENTION: Random Gene Unidirectional Antisense Library
 FILE REFERENCE: 57354 0003
 CURRENT APPLICATION NUMBER: US/10/094,183
 CURRENT FILING DATE: 2002-03-08
 NUMBER OF SEQ ID NOS: 22

SOFTWARE: Patentin version 3.1
 SEQ ID NO 5
 LENGTH: 25
 TYPE: DNA
 ORGANISM: Artificial sequence

FEATURE: OTHER INFORMATION: Artificial Sequence: Synthetic Primer
 US-10-094-183-5

Alignment Scores:
 Pred. No.: 138 Length: 25
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-10-094-183-5 (1-25)

Qy 116 SerSerAlaProSer 121
 Db 3 TCCAGTGCCCCCTCTCC 20

RESULT 5
 US-10-066-498-4
 Sequence 4, Application US/10066498
 Publication No. US20020182181A1

GENERAL INFORMATION:
 APPLICANT: WelGene Inc.
 TITLE OF INVENTION: 573540002
 FILE REFERENCE: 573540002
 CURRENT APPLICATION NUMBER: US/10/066,498
 CURRENT FILING DATE: 2002-01-30
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 4
 LENGTH: 25
 TYPE: DNA
 ORGANISM: Artificial sequence

FEATURE: OTHER INFORMATION: Artificial Sequence: Synthetic Primer
 US-10-066-498-4

Alignment Scores:
 Pred. No.: 138 Length: 25
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-10-066-498-4 (1-25)

Qy 116 SerSerAlaProSer 121
 Db 3 TCCAGTGCCCCCTCTCC 20

RESULT 6
 US-09-952-663-7/C
 Sequence 7, Application US/09952663
 Patent No. US20020119534A1

GENERAL INFORMATION:
 APPLICANT: VOCKLER, JOSEPH G.
 APPLICANT: DILLON, PATRICK J.
 TITLE OF INVENTION: ARGINASE II
 FILE REFERENCE: ATG-50004-4/D1
 CURRENT APPLICATION NUMBER: US/09/952,663
 CURRENT FILING DATE: 2001-09-14
 PRIORITY APPLICATION NUMBER: US/09/541,762
 PRIORITY FILING DATE: 2000-04-03
 PRIORITY APPLICATION NUMBER: US 09/116,115
 PRIORITY FILING DATE: 1998-01-15
 PRIORITY APPLICATION NUMBER: US 08/914,981
 PRIORITY FILING DATE: 1997-08-20
 PRIORITY APPLICATION NUMBER: US 08/700,186
 PRIORITY FILING DATE: 1996-05-20
 PRIORITY APPLICATION NUMBER: US 60/013,395
 PRIORITY FILING DATE: 1996-02-14
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: FASTSEQ for Windows version 3.0
 SEQ ID NO 7
 LENGTH: 27
 TYPE: DNA
 ORGANISM: HOMO SAPIENS
 US-09-952-663-7

Alignment Scores:
 Pred. No.: 148 Length: 27
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 10 Gaps: 0

US-09-698-781-3 (1-258) x US-09-952-663-7 (1-27)

Qy 42 Thrlateleuththi 47
 Db 20 ACAGCTGCTTACACC 3

RESULT 7
 US-09-847-101B-6/C
 Sequence 6, Application US/09847101B
 Publication No. US20020193327A1
 GENERAL INFORMATION:
 APPLICANT: VON SEGBERN, DANIEL
 APPLICANT: NEEROW, GLEN R.
 APPLICANT: FRIEDLANDER, MARTIN
 TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC
 FILE REFERENCE: 22908-1225B
 CURRENT APPLICATION NUMBER: US/09/847,101B
 CURRENT FILING DATE: 2001-05-01
 PRIORITY APPLICATION NUMBER: 09/562,934
 PRIORITY FILING DATE: 2000-05-01
 NUMBER OF SEQ ID NOS: 50
 SOFTWARE: Patentin Ver. 2.1

SEQ ID NO: 6
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-847-101B-6

Alignment Scores:
Pred. No.: 164 Length: 30
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 9 Gaps: 0

RESULT 8
US-09-804-682-103
Sequence 103, Application US/09804682
Patent No. US20020106765A1

GENERAL INFORMATION:
APPLICANT: Kinders, Robert
APPLICANT: Corey, Michael J.
TITLE OF INVENTION: PAL-18 POLYPEPTIDES, NUCLEIC ACIDS
TITLE OF INVENTION: ENCODING THE SAME, AND METHODS FOR SCREENING FOR OR
TITLE OF INVENTION: MODULATING THE SAME
FILE REFERENCE: 130001.406
CURRENT APPLICATION NUMBER: US/09/804 682

CURRENT FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 174
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 103
LENGTH: 30

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-804-682-103

Alignment Scores:
Pred. No.: 164 Length: 30
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 0 Gaps: 0

RESULT 9
US-09-814-786-39
Sequence 39, Application US/09814786
Patent No. US20020100072A1

GENERAL INFORMATION:
APPLICANT: KIKUCHI, Yasuhiro
APPLICANT: KIYOKAWA, Shigeto
SHIMADA, Yukihisa
SHIMADA, Masaya
SHIMADA, Ritsuko
TITLE OF INVENTION: NOVEL PLANT GENES
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:

Computer Readable Form:
MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage.
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS Ver3.30
SOFTWARE: PATENT AID Ver1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/814,786
FILING DATE: 23-Mar-2001
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/09/616,990
FILING DATE: 14-Jul-2000
APPLICATION NUMBER: JP44963/92
FILING DATE: 02-Mar-1992
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-218-2100
TELEFAX: 212-218-2100
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
STRANDEDNESS: double
TYPE: nucleic acid
MOLECULE TYPE: linear
ORIGINAL SOURCE:
ORGANISM: Petunia hybrida
STRAIN: Falcon Blue
TISSUE: TIP: flower limbs in the bud
SEQUENCE DESCRIPTION: SEQ ID NO: 39
US-09-814-786-39

Alignment Scores:
Pred. No.: 174 Length: 32
Score: 6.00 Matches: 6
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.33% Indels: 0
DB: 10 Gaps: 0

RESULT 10
US-09-773-599-10/c
Sequence 10, Application US/09773599
Patent No. US20020106362A1

GENERAL INFORMATION:
APPLICANT: John Craig SMITH
TITLE OF INVENTION: DIAGNOSTIC METHOD
FILE REFERENCE: 0099010276655 - LDSSGZ70655/US
CURRENT APPLICATION NUMBER: US/09/773,599
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: GB 0002366.3
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 22
SOFTWARE: MS Word
SEQ ID NO 10
LENGTH: 35
TYPE: DNA
ORGANISM: Human
US-09-773-599-10

Alignment scores:
 pred. No.: 189 Length: 35
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 9 Gaps: 0

RESULT 11 *
 US-09-245-802-127/c
 Sequence 127, Application US/09245802
 Patent No. US20010049125A1

GENERAL INFORMATION:
 APPLICANT: STEMMER P.H.D., WILLEM P.C.
 APPLICANT: LIPSHUTZ, ROBERT J.
 TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION
 NUMBER OF SEQUENCES: 136
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW
 STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
 CITY: SAN FRANCISCO
 STATE: CALIFORNIA
 COUNTRY: U.S.A.
 ZIP: 94111-3834

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/05480
 FILING DATE: 08/06/95, 502

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/245,802
 FILING DATE: 18-APR-1996

CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: MURPHY, ESQ., MATTHEW B.
 REGISTRATION NUMBER: 39,787
 REFERENCE/DOCKET NUMBER: 16528J-015410US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 326-2400
 TELEFAX: (415) 326-2422

INFORMATION FOR SEQ ID NO: 127:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular

US-09-245-802-127

Alignment Scores:
 Pred. No.: 215 Length: 40
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 10 Gaps: 0

RESULT 12
 US-09-918-295A-368
 Sequence 368, Application US/09978295A
 Patent No. US20020156006A1

GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paon, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Seceted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding The Same
 FILE REFERENCE: P2630PC1L
 CURRENT APPLICATION NUMBER: US/09/978,295A
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-01-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-01-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-01-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-01-11
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-01-12
 PRIOR APPLICATION NUMBER: 60/078004
 PRIOR FILING DATE: 1998-01-13
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/078919
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079656

US-09-698-781-3 (1-258) x US-09-245-802-127 (1-40)
 QY 62 LeuAArgAArgAAlaValSer 67

1 ; PRIOR APPLICATION NUMBER: 60/085697

RESULT 13

US-09-698-697-368
 Sequence 368, Application US/09978697
 Patent No. US20020169284A1
 GENERAL INFORMATION:
 APPLICANT: ASHKENAZI, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botsstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godonski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kjavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Peon, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tomas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2630PC27

CURRENT APPLICATION NUMBER: US/09/698-697

CURRENT FILING DATE: 2001-10-16

PRIOR APPLICATION NUMBER: 09/918385

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064449

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077312

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077549

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078004

PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078936

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QY 151 Hsityrhrgrgvalval 156

DB 31 CATTTCACAGGCGTG 48

RESULT 17

US-09-978-160A-368

Sequence 369, Application US/09978608A
 Publication No. US0030045462A1

GENERAL INFORMATION:
 APPLICANT: Askenazi, Avi
 APPLICANT: Baker, Kevin P.

CITY: NEW YORK
 STATE: NEW YORK
 COUNTY: USA
 ZIP: 10154

COMPUTER READABLE FORM:

COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,722
 FILING DATE: 26-OCT-1994
 CLASSIFICATION: 510/450
 PRIORITY APPLICATION DATA: 08/850,049
 FILING DATE: 29-MAR-1993
 CLASSIFICATION: 510/450

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/050,478
 FILING DATE: 07-MAR-1992
 CLASSIFICATION: 510/450

ATTORNEY/AGENT INFORMATION:

NAME: MORRY, MARY J.
 REGISTRATION NUMBER: 34,398
 REFERENCE/DOCKET NUMBER: 2026-4006US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)758-8800
 TELEFAX: (212)751-6199

INFORMATION FOR SEQ ID NO: 69:

SEQUENCE CHARACTERISTICS:
 LENGTH: 66 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR

US-09-943-722-69

Alignment Scores:

Pred. No.:	344	Length:	66
Score:	6.00	Matches:	6
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	2.33%	Indels:	0
DB:	9	Gaps:	0

US-09-698-781-3 (1-258) x US-10-099-738-5 (1-69)

Qy 23 LeuvalAlaGlyLeuLeu 28
 Db 35 TIGGTGCTGGCGTGTG 53

RESULT 22
 US-09-070-927A-894/c
 Sequence 894, Application US/9070927A
 Patent No. US2002012016A1

GENERAL INFORMATION:

APPLICANT: Charles A. Kunsch
 Steven Barash
 Patrick J. Dillon

TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
 NUMBER OF SEQUENCES: 912

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Human Genome Sciences, Inc.
 STREET: 3410 Key West Avenue
 CITY: Rockville
 STATE: Maryland
 COUNTRY: USA
 ZIP: 20850

COMPUTER READABLE FORM:

COMPUTER: HP Vectra 406/33
 OPERATING SYSTEM: MSDOS version 6.2
 SOFTWARE: ASCII TEXT

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/070-927A
 FILING DATE: 04-MAY-2000
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/046,655
 FILING DATE: 1997-05-16
 APPLICATION NUMBER: 60/044,031
 FILING DATE: 1997-05-06
 APPLICATION NUMBER: 60/066,009
 FILING DATE: 1997-11-14

ATTORNEY/AGENT INFORMATION:

NAME: Kenley K. Hoover
 REGISTRATION NUMBER: 40,302

REFERENCE/DOCKET NUMBER: PR369

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (301) 309-8504
 TELEFAX: (301) 309-8512

INFORMATION FOR SEQ ID NO: 894:

SEQUENCE CHARACTERISTICS:
 LENGTH: 70 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

US-09-070-927A-894

SEQUENCE DESCRIPTION: SEQ ID NO: 894:

Alignment Scores:

Pred. No.:	364	Length:	70
------------	-----	---------	----

Score: 5.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Local Similarity: 100.00% Other Information: EXPRESSED IN PLACENTA, SIGNAL = 7.8
 Best Local Similarity: 100.00% Other Information: EXPRESSED IN ADULT LIVER, SIGNAL = 8.5
 Query Match: 2.33% Other Information: EXPRESSED IN FETAL LIVER, SIGNAL = 8.5
 DB: 0 Other Information: EXPRESSED IN BRAIN, SIGNAL = 7.5
 Gaps: 0 Other Information: EXPRESSED IN BONE MARROW, SIGNAL = 6.2
 Other Information: NT HIT: AF007570.1, EVALUE 1.50e-01
 Other Information: OTHER INFORMATION: SWISSPROT HIT: P15309, EVALUE 7.40e+00

US-09-698-781-3 (1-258) x US-09-070-927A-894 (1-70)

QY 20 LeuLeuPheLeuValAla 25
 Db 53 TIGCTTTCGTCGGTGC 36

RESULT 23
 Sequence: 24410, Application US/09864761
 Patent No. US20020048763A1

GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Aeonlica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-06-03

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00672

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00674

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00676

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00677

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00678

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00679

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00682

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00684

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00686

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00687

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00688

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00689

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00690

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/234,688

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Annonax Sequence Listing Engine vers. 1.1

SEQ ID NO: 24410

LENGTH: 75

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:
 OTHER INFORMATION: MAP TO AC010363.3
 OTHER INFORMATION: EXPRESSED IN HE LA, SIGNAL = 6.9
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.5
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.9

Alignment Scores:
 Pred. No.: 389 Length: 75
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Other Information: EXPRESSED IN PLACENTA, SIGNAL = 7.8
 Query Match: 2.33% Other Information: EXPRESSED IN ADULT LIVER, SIGNAL = 8.5
 DB: 10 Other Information: EXPRESSED IN FETAL LIVER, SIGNAL = 8.5
 Gaps: 0 Other Information: EXPRESSED IN BRAIN, SIGNAL = 7.5
 Other Information: EXPRESSED IN BONE MARROW, SIGNAL = 6.2
 Other Information: NT HIT: AF007570.1, EVALUE 1.50e-01
 Other Information: OTHER INFORMATION: SWISSPROT HIT: P15309, EVALUE 7.40e+00

US-09-864-761-24410

QY 28 LeuProSerPheProAla 33
 Db 9 CTCTCTGATTCCTGCG 26

RESULT 24
 Sequence: 24423, Application US/09864761
 Patent No. US2002008763A1

GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Aeonlica-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00672

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00674

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00676

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00677

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00678

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00679

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00680

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00682

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00684

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00686

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00687

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00688

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00689

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00690

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Annonax Sequence Listing Engine vers. 1.1

PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1
 SEQ ID NO: 24937
 LENGTH: 94
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO ALI327956.2
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.3
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.2
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.4
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.5
 OTHER INFORMATION: EXPRESSED IN KIDNEY, SIGNAL = 2.7
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.3
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.2
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.4
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.5
 OTHER INFORMATION: EXPRESSED IN KIDNEY, SIGNAL = 2.7
 OTHER INFORMATION: NT HIT: AU030321.1, EVALUE 5.00e-02
 US-09-864-761-24937
 Alignment Scores:
 Pred. No.: 481 Length: 94
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0
 DB: 10 Gaps: 0
 LENGTH: 96
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC006120.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.74
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.75
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.59
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.88
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.67
 OTHER INFORMATION: NT HIT: AE001719.1, EVALUE 8.00e-01
 OTHER INFORMATION: EST_HUMAN HIT: A1819755.1, EVALUE 3.00e-47
 US-09-698-781-3 (1-258) x US-09-864-761-24937 (1-94)
 Qy 27 LeuLeuProSerPhePro 32
 ; Sequence 31054, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David R.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aeomice-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864-761
 ; CURRENT FILING DATE: 2001-05-23
 ;
 RESULT 27
 US-09-864-761-31054/c
 Qy 27 LeuLeuProSerPhePro 32
 ; Sequence 31054, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David R.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aeomice-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864-761
 ; CURRENT FILING DATE: 2001-05-23
 ;
 RESULT 28
 US-09-698-781-3 (1-258) x US-09-864-761-31054 (1-96)
 Qy 3 GlutLeuLeuHisProAla 8
 ; Sequence 18807, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.

APPLICANT: Rank, David R.
 APPLICANT: Chen, Weisheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Asonica X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 2,4263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/235,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/698,408
 PRIOR FILING DATE: 2000-05-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 SEQ ID NO: 18807
 LENGTH: 99
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AL049756.16
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.8
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.3
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.3
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.7
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.9
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN HBL00, SIGNAL = 2.2
 OTHER INFORMATION: EXPRESSED IN HEARD, SIGNAL = 2
 OTHER INFORMATION: EXPRESSED IN HUMAN HIT, AL272176.1
 OTHER INFORMATION: NT HIT: AE001964.1, EVALUE 4.80e+00
 OTHER INFORMATION: SWISSPROT HIT: Q00328, EVALUE 5.30e+00
 US-09-864-761-18807
 Alignment Scores:
 Pred. No.: 505 Qy 65 AlavalSerProProAla 70
 Db 71 GCAGTTCCTCCCTCGCT 88
 RESULT 30
 US-10-032-495-59/C
 ; Sequence 59, Application US/10032495
 ; Patent No. US20020155601A1
 ; GENERAL INFORMATION:
 ; APPLICANT: YAN, WEN LIANG
 ; TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
 ; TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
 ; TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
 ; FILE REFERENCE: 0249-0002US
 ; CURRENT APPLICATION NUMBER: US/10/032,495
 ; CURRENT FILING DATE: 2002-01-02
 ; PRIOR APPLICATION NUMBER: 60/258,881
 ; PRIOR FILING DATE: 2001-01-02
 ; NUMBER OF SEQ ID NOS: 86
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO: 59
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 Alignment Scores:
 Pred. No.: 505 Length: 99
 Score: 6.00 Matches: 6
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 2.33% Indels: 0

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-59

Alignment Scores:
Pred. No.: 1.18e+03 Length: 20
Score: 5.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best local Similarity: 100.00% Mismatches: 0
Query Match: 1.94% Indels: 0
Db: 9 Gaps: 0

US-09-698-781-3 (1-258) x US-10-032-495-59 (1-20)

Qy 62 DeoxyRGAAGAAval 66
Db 15 TTAAGAACAGCTGTC 1

Search completed: March 14, 2003, 06:45:23
Job time : 94 secs